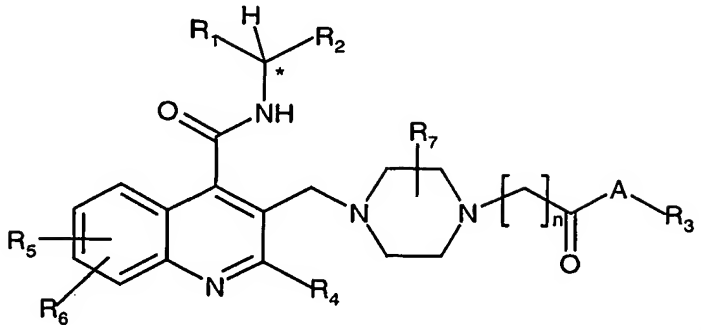
What is claimed is:

1. A compound of formula (I)



(I)

wherein:

R_1 is H or substituted or unsubstituted (C_{1-6})alkyl;

R_2 is substituted or unsubstituted aryl, (C_{3-7})cycloalkyl, or heterocycle;

R_3 is H or substituted or unsubstituted (C_{1-6})alkyl, (C_{3-7})cycloalkyl, aryl or heterocycle;

A is NR_8 or O;

R_8 is H or substituted or unsubstituted (C_{1-6})alkyl;

R_4 is substituted or unsubstituted heterocycle;

R_5 is H or up to three substitutents independently selected from the list consisting of alkyl, alkenyl, aryl, alkoxy, or a hydroxylated deriviative thereof, hydroxy, halogen, nitro, cyano, carboxy, alkylcarboxy, alkylcarboxyalkyl, haloalkyl, amino or mono- or dialkylamino; or R_5 represents a bridging moiety which is arranged to bridge two adjacent ring atoms, wherein the bridging moiety comprises alkyl or dioxyalkylene;

R_6 is H or halo;

R_7 is oxo;

n is 1 to 4; or a pharmaceutically acceptable salt thereof.

2. A compound according to claim 1 wherein R_1 is methyl.

3. A compound according to claim 1 wherein R_2 is substituted or unsubstituted phenyl or cyclohexyl.

4. A compound according to claim 1 wherein R_3 or methyl or substituted or unsubstituted morpholino, piperizine, pyrrole, piperidine, thiophene, imidazole, or pyrazole.

5. A compound according to claim 1 wherein R_8 is H or methyl.

6. A compound according to claim 1 wherein R_4 is substituted or unsubstituted 2-thienyl or 3-thienyl.

7. A compound according to claim 1 wherein R_5 is H or fluoro.

8. A compound according to claim 1 wherein R_6 is H or fluoro.

9. A compound according to claim 1 which is:
3-(4-Dimethylcarbamoylmethyl-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-[4-(2-Morpholin-4-yl-2-oxo-ethyl)-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-[3-Oxo-4-(2-oxo-2-piperazin-1-yl-ethyl)-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-(4-Carbamoylmethyl-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-{4-[2-(4-Methyl-piperazin-1-yl)-2-oxo-ethyl]-3-oxo-piperazin-1-ylmethyl}-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-[3-Oxo-4-(2-oxo-piperidin-1-yl-ethyl)-piperazin-1ylmethyl]-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-[3-Oxo-4-(2-oxo-pyrrolidin-1-yl-ethyl)-piperazin-1ylmethyl]-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-[4-(3-Morpholin-4-yl-3-oxo-propyl)-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-[4-(2-Morpholin-4-yl-2-oxo-ethyl)-2-oxo-piperazin-1-ylmethyl]-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-(4-Dimethylcarbamoylmethyl-2-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

6-Fluoro-3-[4-(2-morpholin-4-yl-2-oxo-ethyl)-3-oxo-piperazin-1-ylmethyl]-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

6-Fluoro-3-[3-oxo-4-(2-oxo-2-pyrrolidin-1-yl-ethyl)-piperazin-1-ylmethyl]-2-thiophen-2-yl-quinoline- 4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

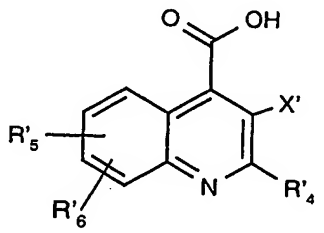
3-{4-[2-((R)-2-Hydroxymethyl-pyrrolidin-1-yl)-2-oxo-ethyl]-3-oxo-piperazin-1-ylmethyl}-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-(4-{[(2,5-Dimethyl-2H-pyrazol-3ylmethyl)-carbamoyl]-methyl}-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide,

3-(4-{[(5-Methyl-1H-imidazol-2ylmethyl)-carbamoyl]-methyl}-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide, and

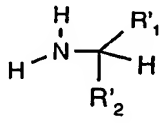
3-{4-[(Methyl-thiophen-2ylmethyl)-carbamoyl)-methyl}-3-oxo-piperazin-1-ylmethyl)-2-thiophen-2-yl-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide, or a pharmaceutically acceptable salt thereof.

10. A process for the preparation of a compound of formula (I) according to claim 1 or a salt thereof and/or a solvate thereof, which process comprises reacting a compound of formula (II) or an active derivative thereof:



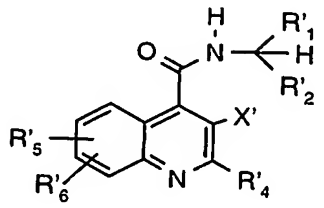
(II)

wherein R'4, R'5, R'6 and X' are R_4, R_5, R_6 and X respectively as hereinbefore defined in relation to formula (I) or a group convertible to R_4, R_5, R_6 and X respectively; with a compound of formula (III):



(III)

wherein R'$_1$ and R'$_2$, are R_1 and R_2 as defined for formula (I) or a group or atom convertible to R_1 and R_2 respectively; to form a compound of formula (Ic):



(Ic)

wherein R'$_1$, R'$_2$, X', R'$_4$, R'$_5$ and R'$_6$ are as defined above, and thereafter carrying out one or more of the following optional steps:

(i) converting any one of R'$_1$, R'$_2$, X', R'$_4$, R'$_5$ and R'$_6$ to R_1, R_2, X, R_4, R_5 and R_6 respectively as required, to obtain a compound of formula (I);

(ii) converting a compound of formula (I) into another compound of formula (I); and

(iii) preparing a salt of the compound of formula (I) and/or a solvate thereof.

11. A pharmaceutical composition which comprises a compound according to claim 1 and a pharmaceutically acceptable carrier.

12. A method of treating respiratory diseases in mammals, which comprises administering an effective amount of a compound according to claim 1.